

Galit Alter

List of Publications by Year in descending order

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Version: 2024-02-01

306
papers

33,908
citations

4136

87
h-index

5677

162
g-index

362
all docs

362
docs citations

362
times ranked

36463
citing authors

#	ARTICLE	IF	CITATIONS
1	CD107a as a functional marker for the identification of natural killer cell activity. <i>Journal of Immunological Methods</i> , 2004, 294, 15-22.	0.6	1,238
2	Persistence and Evolution of SARS-CoV-2 in an Immunocompromised Host. <i>New England Journal of Medicine</i> , 2020, 383, 2291-2293.	13.9	1,069
3	Correlates of protection against SARS-CoV-2 in rhesus macaques. <i>Nature</i> , 2021, 590, 630-634.	13.7	995
4	DNA vaccine protection against SARS-CoV-2 in rhesus macaques. <i>Science</i> , 2020, 369, 806-811.	6.0	978
5	SARS-CoV-2 infection protects against rechallenge in rhesus macaques. <i>Science</i> , 2020, 369, 812-817.	6.0	789
6	Single-shot Ad26 vaccine protects against SARS-CoV-2 in rhesus macaques. <i>Nature</i> , 2020, 586, 583-588.	13.7	765
7	SARS-CoV-2 viral load is associated with increased disease severity and mortality. <i>Nature Communications</i> , 2020, 11, 5493.	5.8	702
8	Loss of Bcl-6-Expressing T Follicular Helper Cells and Germinal Centers in COVID-19. <i>Cell</i> , 2020, 183, 143-157.e13.	13.5	599
9	COVID-19-neutralizing antibodies predict disease severity and survival. <i>Cell</i> , 2021, 184, 476-488.e11.	13.5	586
10	Persistence and decay of human antibody responses to the receptor binding domain of SARS-CoV-2 spike protein in COVID-19 patients. <i>Science Immunology</i> , 2020, 5, .	5.6	561
11	Sex differences in the Toll-like receptor-mediated response of plasmacytoid dendritic cells to HIV-1. <i>Nature Medicine</i> , 2009, 15, 955-959.	15.2	523
12	Beyond binding: antibody effector functions in infectious diseases. <i>Nature Reviews Immunology</i> , 2018, 18, 46-61.	10.6	516
13	Viral epitope profiling of COVID-19 patients reveals cross-reactivity and correlates of severity. <i>Science</i> , 2020, 370, .	6.0	511
14	Coronavirus disease 2019 vaccine response in pregnant and lactating women: a cohort study. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 225, 303.e1-303.e17.	0.7	471
15	Protective efficacy of multiple vaccine platforms against Zika virus challenge in rhesus monkeys. <i>Science</i> , 2016, 353, 1129-1132.	6.0	461
16	A Functional Role for Antibodies in Tuberculosis. <i>Cell</i> , 2016, 167, 433-443.e14.	13.5	461
17	Differential natural killer cell-mediated inhibition of HIV-1 replication based on distinct KIR/HLA subtypes. <i>Journal of Experimental Medicine</i> , 2007, 204, 3027-3036.	4.2	413
18	A robust, high-throughput assay to determine the phagocytic activity of clinical antibody samples. <i>Journal of Immunological Methods</i> , 2011, 366, 8-19.	0.6	393

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19	Polyfunctional Fc-Effector Profiles Mediated by IgG Subclass Selection Distinguish RV144 and VAX003 Vaccines. <i>Science Translational Medicine</i> , 2014, 6, 228ra38.	5.8	367
20	Protective Efficacy of a Global HIV-1 Mosaic Vaccine against Heterologous SHIV Challenges in Rhesus Monkeys. <i>Cell</i> , 2013, 155, 531-539.	13.5	334
21	Distinct Early Serological Signatures Track with SARS-CoV-2 Survival. <i>Immunity</i> , 2020, 53, 524-532.e4.	6.6	334
22	Dissecting Polyclonal Vaccine-Induced Humoral Immunity against HIV Using Systems Serology. <i>Cell</i> , 2015, 163, 988-998.	13.5	326
23	Assessment of Maternal and Neonatal SARS-CoV-2 Viral Load, Transplacental Antibody Transfer, and Placental Pathology in Pregnancies During the COVID-19 Pandemic. <i>JAMA Network Open</i> , 2020, 3, e2030455.	2.8	315
24	Loss of HIV-1-specific CD8+ T Cell Proliferation after Acute HIV-1 Infection and Restoration by Vaccine-induced HIV-1-specific CD4+ T Cells. <i>Journal of Experimental Medicine</i> , 2004, 200, 701-712.	4.2	314
25	Sequential deregulation of NK cell subset distribution and function starting in acute HIV-1 infection. <i>Blood</i> , 2005, 106, 3366-3369.	0.6	314
26	HIV-1 adaptation to NK-cell-mediated immune pressure. <i>Nature</i> , 2011, 476, 96-100.	13.7	310
27	Natural variation in Fc glycosylation of HIV-specific antibodies impacts antiviral activity. <i>Journal of Clinical Investigation</i> , 2013, 123, 2183-2192.	3.9	310
28	Immunogenicity of COVID-19 mRNA Vaccines in Pregnant and Lactating Women. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 2370.	3.8	307
29	Protective efficacy of adenovirus/protein vaccines against SIV challenges in rhesus monkeys. <i>Science</i> , 2015, 349, 320-324.	6.0	303
30	CD39 Expression Identifies Terminally Exhausted CD8+ T Cells. <i>PLoS Pathogens</i> , 2015, 11, e1005177.	2.1	296
31	Immunogenicity of Ad26.COVS vaccine against SARS-CoV-2 variants in humans. <i>Nature</i> , 2021, 596, 268-272.	13.7	290
32	Pediatric Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2): Clinical Presentation, Infectivity, and Immune Responses. <i>Journal of Pediatrics</i> , 2020, 227, 45-52.e5.	0.9	288
33	Sex differences in vaccine-induced humoral immunity. <i>Seminars in Immunopathology</i> , 2019, 41, 239-249.	2.8	284
34	Characteristics of the Earliest Cross-Neutralizing Antibody Response to HIV-1. <i>PLoS Pathogens</i> , 2011, 7, e1001251.	2.1	276
35	Ad26 vaccine protects against SARS-CoV-2 severe clinical disease in hamsters. <i>Nature Medicine</i> , 2020, 26, 1694-1700.	15.2	275
36	Evaluation of a mosaic HIV-1 vaccine in a multicentre, randomised, double-blind, placebo-controlled, phase 1/2a clinical trial (APPROACH) and in rhesus monkeys (NHP 13-19). <i>Lancet</i> , The, 2018, 392, 232-243.	6.3	269

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37	Compromised Humoral Functional Evolution Tracks with SARS-CoV-2 Mortality. <i>Cell</i> , 2020, 183, 1508-1519.e12.	13.5	263
38	Immunogenicity of the Ad26.COV2.S Vaccine for COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 1535.	3.8	260
39	The Immunoregulatory Roles of Antibody Glycosylation. <i>Trends in Immunology</i> , 2017, 38, 358-372.	2.9	259
40	Adjuvanting a subunit COVID-19 vaccine to induce protective immunity. <i>Nature</i> , 2021, 594, 253-258.	13.7	253
41	Ad26/MVA therapeutic vaccination with TLR7 stimulation in SIV-infected rhesus monkeys. <i>Nature</i> , 2016, 540, 284-287.	13.7	246
42	Antibody and TLR7 agonist delay viral rebound in SHIV-infected monkeys. <i>Nature</i> , 2018, 563, 360-364.	13.7	246
43	Immunological mechanisms of human resistance to persistent <i>Mycobacterium tuberculosis</i> infection. <i>Nature Reviews Immunology</i> , 2018, 18, 575-589.	10.6	241
44	Differential Kinetics of Immune Responses Elicited by Covid-19 Vaccines. <i>New England Journal of Medicine</i> , 2021, 385, 2010-2012.	13.9	228
45	Prevention of tuberculosis in rhesus macaques by a cytomegalovirus-based vaccine. <i>Nature Medicine</i> , 2018, 24, 130-143.	15.2	225
46	Polyfunctional HIV-Specific Antibody Responses Are Associated with Spontaneous HIV Control. <i>PLoS Pathogens</i> , 2016, 12, e1005315.	2.1	220
47	Dissecting antibody-mediated protection against SARS-CoV-2. <i>Nature Reviews Immunology</i> , 2020, 20, 392-394.	10.6	209
48	Antigen Load and Viral Sequence Diversification Determine the Functional Profile of HIV-1-Specific CD8+ T Cells. <i>PLoS Medicine</i> , 2008, 5, e100.	3.9	205
49	High-throughput, multiplexed IgG subclassing of antigen-specific antibodies from clinical samples. <i>Journal of Immunological Methods</i> , 2012, 386, 117-123.	0.6	197
50	Adjuvant-dependent innate and adaptive immune signatures of risk of SIVmac251 acquisition. <i>Nature Medicine</i> , 2016, 22, 762-770.	15.2	197
51	IFN- γ -independent immune markers of <i>Mycobacterium tuberculosis</i> exposure. <i>Nature Medicine</i> , 2019, 25, 977-987.	15.2	186
52	A Role for Fc Function in Therapeutic Monoclonal Antibody-Mediated Protection against Ebola Virus. <i>Cell Host and Microbe</i> , 2018, 24, 221-233.e5.	5.1	182
53	Quick COVID-19 Healers Sustain Anti-SARS-CoV-2 Antibody Production. <i>Cell</i> , 2020, 183, 1496-1507.e16.	13.5	182
54	Systematic Analysis of Monoclonal Antibodies against Ebola Virus GP Defines Features that Contribute to Protection. <i>Cell</i> , 2018, 174, 938-952.e13.	13.5	173

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55	HLA Class I Subtype-Dependent Expansion of KIR3DS1 ⁺ and KIR3DL1 ⁺ NK Cells during Acute Human Immunodeficiency Virus Type 1 Infection. <i>Journal of Virology</i> , 2009, 83, 6798-6805.	1.5	170
56	Multisystem inflammatory syndrome in children is driven by zonulin-dependent loss of gut mucosal barrier. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	170
57	Compromised SARS-CoV-2-specific placental antibody transfer. <i>Cell</i> , 2021, 184, 628-642.e10.	13.5	167
58	Multiplexed Fc array for evaluation of antigen-specific antibody effector profiles. <i>Journal of Immunological Methods</i> , 2017, 443, 33-44.	0.6	158
59	Fc Glycan-Mediated Regulation of Placental Antibody Transfer. <i>Cell</i> , 2019, 178, 202-215.e14.	13.5	157
60	A high-throughput, bead-based, antigen-specific assay to assess the ability of antibodies to induce complement activation. <i>Journal of Immunological Methods</i> , 2019, 473, 112630.	0.6	149
61	Correlates of protection against SARS-CoV-2 infection and COVID-19 disease. <i>Immunological Reviews</i> , 2022, 310, 6-26.	2.8	138
62	Pentavalent HIV-1 vaccine protects against simian-human immunodeficiency virus challenge. <i>Nature Communications</i> , 2017, 8, 15711.	5.8	137
63	Humoral signatures of protective and pathological SARS-CoV-2 infection in children. <i>Nature Medicine</i> , 2021, 27, 454-462.	15.2	137
64	The TLR-4 agonist adjuvant, GLA-SE, improves magnitude and quality of immune responses elicited by the ID93 tuberculosis vaccine: first-in-human trial. <i>Npj Vaccines</i> , 2018, 3, 34.	2.9	135
65	Copy Number Variation of KIR Genes Influences HIV-1 Control. <i>PLoS Biology</i> , 2011, 9, e1001208.	2.6	132
66	Antibody glycosylation in inflammation, disease and vaccination. <i>Seminars in Immunology</i> , 2018, 39, 102-110.	2.7	131
67	Route of immunization defines multiple mechanisms of vaccine-mediated protection against SIV. <i>Nature Medicine</i> , 2018, 24, 1590-1598.	15.2	129
68	Increased Natural Killer Cell Activity in Viremic HIV-1 Infection. <i>Journal of Immunology</i> , 2004, 173, 5305-5311.	0.4	128
69	Antibody-mediated protection against Ebola virus. <i>Nature Immunology</i> , 2018, 19, 1169-1178.	7.0	127
70	HIV-1-specific cytotoxicity is preferentially mediated by a subset of CD8+ T cells producing both interferon- γ and tumor necrosis factor- α . <i>Blood</i> , 2004, 104, 487-494.	0.6	124
71	A versatile high-throughput assay to characterize antibody-mediated neutrophil phagocytosis. <i>Journal of Immunological Methods</i> , 2019, 471, 46-56.	0.6	124
72	Antigen-Specific Antibody Glycosylation Is Regulated via Vaccination. <i>PLoS Pathogens</i> , 2016, 12, e1005456.	2.1	124

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73	Evolution of Innate and Adaptive Effector Cell Functions during Acute HIV-1 Infection. <i>Journal of Infectious Diseases</i> , 2007, 195, 1452-1460.	1.9	123
74	Reduced frequencies of NKp30+NKp46+, CD161+, and NKG2D+ NK cells in acute HCV infection may predict viral clearance. <i>Journal of Hepatology</i> , 2011, 55, 278-288.	1.8	118
75	Defining the risk of SARS-CoV-2 variants on immune protection. <i>Nature</i> , 2022, 605, 640-652.	13.7	117
76	Recognition of a Defined Region within p24 Gag by CD8 + T Cells during Primary Human Immunodeficiency Virus Type 1 Infection in Individuals Expressing Protective HLA Class I Alleles. <i>Journal of Virology</i> , 2007, 81, 7725-7731.	1.5	116
77	NK Cells in HIV Disease. <i>Current HIV/AIDS Reports</i> , 2016, 13, 85-94.	1.1	114
78	A Nonfucosylated Variant of the anti-HIV-1 Monoclonal Antibody b12 Has Enhanced Fc γ RIIIa-Mediated Antiviral Activity <i>In Vitro</i> but Does Not Improve Protection against Mucosal SHIV Challenge in Macaques. <i>Journal of Virology</i> , 2012, 86, 6189-6196.	1.5	110
79	Transfer of maternal immunity and programming of the newborn immune system. <i>Seminars in Immunopathology</i> , 2017, 39, 605-613.	2.8	110
80	Ultrasensitive high-resolution profiling of early seroconversion in patients with COVID-19. <i>Nature Biomedical Engineering</i> , 2020, 4, 1180-1187.	11.6	110
81	Fab and Fc contribute to maximal protection against SARS-CoV-2 following NVX-CoV2373 subunit vaccine with Matrix-M vaccination. <i>Cell Reports Medicine</i> , 2021, 2, 100405.	3.3	110
82	Identification of antibody glycosylation structures that predict monoclonal antibody Fc-effector function. <i>Aids</i> , 2014, 28, 2523-2530.	1.0	108
83	Matrix Metalloprotease Inhibitors Restore Impaired NK Cell-Mediated Antibody-Dependent Cellular Cytotoxicity in Human Immunodeficiency Virus Type 1 Infection. <i>Journal of Virology</i> , 2009, 83, 8705-8712.	1.5	105
84	Circulating HIV-Specific Interleukin-21+CD4+ T Cells Represent Peripheral Tfh Cells with Antigen-Dependent Helper Functions. <i>Immunity</i> , 2016, 44, 167-178.	6.6	104
85	The autoimmune signature of hyperinflammatory multisystem inflammatory syndrome in children. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	103
86	Durability of Anti-Spike Antibodies in Infants After Maternal COVID-19 Vaccination or Natural Infection. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 1087.	3.8	103
87	Mapping functional humoral correlates of protection against malaria challenge following RTS,S/AS01 vaccination. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	100
88	mRNA-1273 and BNT162b2 COVID-19 vaccines elicit antibodies with differences in Fc-mediated effector functions. <i>Science Translational Medicine</i> , 2022, 14, eabm2311.	5.8	100
89	Characterization of Humoral and Cellular Immune Responses Elicited by a Recombinant Adenovirus Serotype 26 HIV-1 Env Vaccine in Healthy Adults (IPCAVD 001). <i>Journal of Infectious Diseases</i> , 2013, 207, 248-256.	1.9	98
90	A method for high-throughput, sensitive analysis of IgG Fc and Fab glycosylation by capillary electrophoresis. <i>Journal of Immunological Methods</i> , 2015, 417, 34-44.	0.6	95

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91	Enhanced Phagocytic Activity of HIV-Specific Antibodies Correlates with Natural Production of Immunoglobulins with Skewed Affinity for Fc γ 3R2a and Fc γ 3R2b. <i>Journal of Virology</i> , 2013, 87, 5468-5476.	1.5	94
92	Early Preservation of CXCR5 ⁺ PD-1 ⁺ Helper T Cells and B Cell Activation Predict the Breadth of Neutralizing Antibody Responses in Chronic HIV-1 Infection. <i>Journal of Virology</i> , 2014, 88, 13310-13321.	1.5	94
93	Fc Characteristics Mediate Selective Placental Transfer of IgG in HIV-Infected Women. <i>Cell</i> , 2019, 178, 190-201.e11.	13.5	93
94	Single-Stranded RNA Derived from HIV-1 Serves as a Potent Activator of NK Cells. <i>Journal of Immunology</i> , 2007, 178, 7658-7666.	0.4	92
95	Pan-ebolavirus and Pan-filovirus Mouse Monoclonal Antibodies: Protection against Ebola and Sudan Viruses. <i>Journal of Virology</i> , 2016, 90, 266-278.	1.5	92
96	Decreased Fc receptor expression on innate immune cells is associated with impaired antibody-mediated cellular phagocytic activity in chronically HIV-1 infected individuals. <i>Virology</i> , 2011, 415, 160-167.	1.1	90
97	Innate transcriptional effects by adjuvants on the magnitude, quality, and durability of HIV envelope responses in NHPs. <i>Blood Advances</i> , 2017, 1, 2329-2342.	2.5	90
98	The multifaceted roles of breast milk antibodies. <i>Cell</i> , 2021, 184, 1486-1499.	13.5	90
99	An intranasal vaccine durably protects against SARS-CoV-2 variants in mice. <i>Cell Reports</i> , 2021, 36, 109452.	2.9	90
100	Upregulation of PD-L1 on monocytes and dendritic cells by HIV-1 derived TLR ligands. <i>Aids</i> , 2008, 22, 655-658.	1.0	89
101	Understanding the role of antibody glycosylation through the lens of severe viral and bacterial diseases. <i>Glycobiology</i> , 2020, 30, 241-253.	1.3	85
102	Maternal SARS-CoV-2 infection elicits sexually dimorphic placental immune responses. <i>Science Translational Medicine</i> , 2021, 13, eabi7428.	5.8	84
103	Omicron variant Spike-specific antibody binding and Fc activity are preserved in recipients of mRNA or inactivated COVID-19 vaccines. <i>Science Translational Medicine</i> , 2022, 14, eabn9243.	5.8	84
104	Development of a Human Antibody Cocktail that Deploys Multiple Functions to Confer Pan-Ebolavirus Protection. <i>Cell Host and Microbe</i> , 2019, 25, 39-48.e5.	5.1	83
105	A Two-Antibody Pan-Ebolavirus Cocktail Confers Broad Therapeutic Protection in Ferrets and Nonhuman Primates. <i>Cell Host and Microbe</i> , 2019, 25, 49-58.e5.	5.1	82
106	Discrete SARS-CoV-2 antibody titers track with functional humoral stability. <i>Nature Communications</i> , 2021, 12, 1018.	5.8	82
107	COVID-19 mRNA vaccines drive differential antibody Fc-functional profiles in pregnant, lactating, and nonpregnant women. <i>Science Translational Medicine</i> , 2021, 13, eabi8631.	5.8	80
108	Antigen-specific antibody Fc glycosylation enhances humoral immunity via the recruitment of complement. <i>Science Immunology</i> , 2018, 3, .	5.6	78

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109	SARS-CoV-2-specific ELISA development. <i>Journal of Immunological Methods</i> , 2020, 484-485, 112832.	0.6	77
110	mRNA-1273 vaccine-induced antibodies maintain Fc effector functions across SARS-CoV-2 variants of concern. <i>Immunity</i> , 2022, 55, 355-365.e4.	6.6	76
111	Systems serology: profiling vaccine induced humoral immunity against HIV. <i>Retrovirology</i> , 2017, 14, 57.	0.9	75
112	IL-10 induces aberrant deletion of dendritic cells by natural killer cells in the context of HIV infection. <i>Journal of Clinical Investigation</i> , 2010, 120, 1905-1913.	3.9	74
113	Sex-Based Differences in Human Immunodeficiency Virus Type 1 Reservoir Activity and Residual Immune Activation. <i>Journal of Infectious Diseases</i> , 2019, 219, 1084-1094.	1.9	73
114	Reduced blood-stage malaria growth and immune correlates in humans following RH5 vaccination. <i>Med</i> , 2021, 2, 701-719.e19.	2.2	73
115	Highly parallel characterization of IgG Fc binding interactions. <i>MAbs</i> , 2014, 6, 915-927.	2.6	72
116	High Seroprevalence of Anti-SARS-CoV-2 Antibodies in Chelsea, Massachusetts. <i>Journal of Infectious Diseases</i> , 2020, 222, 1955-1959.	1.9	72
117	A modified vaccinia Ankara vector-based vaccine protects macaques from SARS-CoV-2 infection, immune pathology, and dysfunction in the lungs. <i>Immunity</i> , 2021, 54, 542-556.e9.	6.6	72
118	Modulating Antibody Functionality in Infectious Disease and Vaccination. <i>Trends in Molecular Medicine</i> , 2016, 22, 969-982.	3.5	71
119	HIV-specific Fc effector function early in infection predicts the development of broadly neutralizing antibodies. <i>PLoS Pathogens</i> , 2018, 14, e1006987.	2.1	71
120	Analysis of a Therapeutic Antibody Cocktail Reveals Determinants for Cooperative and Broad Ebola Virus Neutralization. <i>Immunity</i> , 2020, 52, 388-403.e12.	6.6	71
121	SARS-CoV-2 RBD trimer protein adjuvanted with Alum-3M-052 protects from SARS-CoV-2 infection and immune pathology in the lung. <i>Nature Communications</i> , 2021, 12, 3587.	5.8	71
122	Cooperativity of HIV-Specific Cytolytic CD4 T Cells and CD8 T Cells in Control of HIV Viremia. <i>Journal of Virology</i> , 2015, 89, 7494-7505.	1.5	70
123	Systems serology for evaluation of HIV vaccine trials. <i>Immunological Reviews</i> , 2017, 275, 262-270.	2.8	69
124	A Molecular Signature in Blood Reveals a Role for p53 in Regulating Malaria-Induced Inflammation. <i>Immunity</i> , 2019, 51, 750-765.e10.	6.6	67
125	Early cross-coronavirus reactive signatures of humoral immunity against COVID-19. <i>Science Immunology</i> , 2021, 6, eabj2901.	5.6	67
126	Selection of an HLA-C*03:04-Restricted HIV-1 p24 Gag Sequence Variant Is Associated with Viral Escape from KIR2DL3+ Natural Killer Cells: Data from an Observational Cohort in South Africa. <i>PLoS Medicine</i> , 2015, 12, e1001900.	3.9	66

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127	Emerging Concepts on the Role of Innate Immunity in the Prevention and Control of HIV Infection. <i>Annual Review of Medicine</i> , 2012, 63, 113-130.	5.0	64
128	Extra-Neutralizing FcR-Mediated Antibody Functions for a Universal Influenza Vaccine. <i>Frontiers in Immunology</i> , 2019, 10, 440.	2.2	63
129	A particulate saponin/TLR agonist vaccine adjuvant alters lymph flow and modulates adaptive immunity. <i>Science Immunology</i> , 2021, 6, eabf1152.	5.6	63
130	Innate Immune Control of HIV. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2012, 2, a007070-a007070.	2.9	62
131	Multiplexed Affinity-Based Separation of Proteins and Cells Using Inertial Microfluidics. <i>Scientific Reports</i> , 2016, 6, 23589.	1.6	62
132	Multifunctional Pan-ebolavirus Antibody Recognizes a Site of Broad Vulnerability on the Ebolavirus Glycoprotein. <i>Immunity</i> , 2018, 49, 363-374.e10.	6.6	61
133	Optimal therapeutic activity of monoclonal antibodies against chikungunya virus requires Fc-Fc γ R interaction on monocytes. <i>Science Immunology</i> , 2019, 4, .	5.6	60
134	Initiation of Antiretroviral Therapy Before Pregnancy Reduces the Risk of Infection-related Hospitalization in Human Immunodeficiency Virus-exposed Uninfected Infants Born in a High-income Country. <i>Clinical Infectious Diseases</i> , 2019, 68, 1193-1203.	2.9	60
135	KIR Polymorphisms Modulate Peptide-Dependent Binding to an MHC Class I Ligand with a Bw6 Motif. <i>PLoS Pathogens</i> , 2011, 7, e1001316.	2.1	60
136	Lack of Protection following Passive Transfer of Polyclonal Highly Functional Low-Dose Non-Neutralizing Antibodies. <i>PLoS ONE</i> , 2014, 9, e97229.	1.1	59
137	Outflanking immunodominance to target subdominant broadly neutralizing epitopes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13474-13479.	3.3	57
138	Protective antibodies elicited by SARS-CoV-2 spike protein vaccination are boosted in the lung after challenge in nonhuman primates. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	56
139	Robust IgM responses following intravenous vaccination with Bacille Calmette-Guérin associate with prevention of Mycobacterium tuberculosis infection in macaques. <i>Nature Immunology</i> , 2021, 22, 1515-1523.	7.0	55
140	Neutralizing antibodies against Mayaro virus require Fc effector functions for protective activity. <i>Journal of Experimental Medicine</i> , 2019, 216, 2282-2301.	4.2	51
141	Machine Learning Methods Enable Predictive Modeling of Antibody Feature:Function Relationships in RV144 Vaccinees. <i>PLoS Computational Biology</i> , 2015, 11, e1004185.	1.5	50
142	Hinge length contributes to the phagocytic activity of HIV-specific IgG1 and IgG3 antibodies. <i>PLoS Pathogens</i> , 2020, 16, e1008083.	2.1	50
143	Selective induction of antibody effector functional responses using MF59-adjuvanted vaccination. <i>Journal of Clinical Investigation</i> , 2019, 130, 662-672.	3.9	50
144	HIV-1 Single-Stranded RNA Induces CXCL13 Secretion in Human Monocytes via TLR7 Activation and Plasmacytoid Dendritic Cell-Derived Type I IFN. <i>Journal of Immunology</i> , 2015, 194, 2769-2775.	0.4	49

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145	Enhanced binding of antibodies generated during chronic HIV infection to mucus component MUC16. <i>Mucosal Immunology</i> , 2016, 9, 1549-1558.	2.7	47
146	Antibody Fc Glycosylation Discriminates Between Latent and Active Tuberculosis. <i>Journal of Infectious Diseases</i> , 2020, 222, 2093-2102.	1.9	47
147	Memory B cells targeting SARS-CoV-2 spike protein and their dependence on CD4+ T cell help. <i>Cell Reports</i> , 2021, 35, 109320.	2.9	47
148	Maternal immune response and placental antibody transfer after COVID-19 vaccination across trimester and platforms. <i>Nature Communications</i> , 2022, 13, .	5.8	47
149	Divergent Antibody Subclass and Specificity Profiles but Not Protective HLA-B Alleles Are Associated with Variable Antibody Effector Function among HIV-1 Controllers. <i>Journal of Virology</i> , 2014, 88, 2799-2809.	1.5	46
150	Exploring the Potential of Monoclonal Antibody Therapeutics for HIV-1 Eradication. <i>AIDS Research and Human Retroviruses</i> , 2015, 31, 13-24.	0.5	46
151	Integrated pipeline for the accelerated discovery of antiviral antibody therapeutics. <i>Nature Biomedical Engineering</i> , 2020, 4, 1030-1043.	11.6	46
152	Longitudinal Assessment of Changes in HIV-Specific Effector Activity in HIV-Infected Patients Starting Highly Active Antiretroviral Therapy in Primary Infection. <i>Journal of Immunology</i> , 2003, 171, 477-488.	0.4	45
153	The Humoral Response to HIV-1: New Insights, Renewed Focus. <i>Journal of Infectious Diseases</i> , 2010, 202, S315-S322.	1.9	45
154	Plasma CXCL13 but Not B Cell Frequencies in Acute HIV Infection Predicts Emergence of Cross-Neutralizing Antibodies. <i>Frontiers in Immunology</i> , 2017, 8, 1104.	2.2	45
155	Vi-specific serological correlates of protection for typhoid fever. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	45
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